

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/EP2004/003122

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01D5/245

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 198 33 439 A (HEIDENHAIN GMBH DR JOHANNES) 11 February 1999 (1999-02-11) column 1, lines 3-20 column 4, lines 13-17 column 4, lines 27-30 column 4, lines 39-43 column 4, line 63 - column 5, line 7 column 7, lines 48-65 column 8, lines 31-35 column 10, lines 6-15 figures 1,2a,3a,4a -----	1-4,6,7, 9,11-14
Y	US 6 051 971 A (HOLDEN PETER G) 18 April 2000 (2000-04-18) column 3, lines 14-19 figures 3,4 -----	10 5,8 10



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
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- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

21 October 2004

Date of mailing of the international search report

03/11/2004

Name and mailing address of the ISA

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